

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, OGDEN AIR MATERIEL AREA (AFLO)
HILL AIR FORCE BASE, UTAH 84401



NOV 05 1971

REPLY TO
ATTN OF: MML

SUBJECT: MLT 1540-1 Light Table Deficiencies (In and Out of Warranty) (Our Ltr,
8 Oct 1971)

TO: HQ USAF (INYMA) [REDACTED]

1. The attached is a status report on previously reported deficiencies.
2. There have been no additional problems reported from the field subsequent to our previous report.
3. Paragraph numbers cited in this report refer to the paragraph citations in the original deficiency report, 8 October 1971.

FOR THE COMMANDER

1. Atch
Status Report, MLT 1540-1 Light
Table Deficiencies

USAF review(s) completed.

Declass review by NGA/DoD

MLT 1540-1 LIGHT TABLE DEFICIENCY STATUS REPORT

1. Deficiencies Within Warranty:

a. Location: OOAMA (Acceptance Tests)

(1) Power Cord, P/N 600412

(a) Contractor proposed to replace existing power cord with a heavier cord which cannot be fully coiled within the reel unit. The proposal included the installation of cleats on the light table on which to wrap unused portions of the cord.

(b) OOAMA Service Engineering rejected this proposal, noting the specification requires a retractable, lockable power cord.

c. Location: TAC (480 RTG)

(1) Film Drive Heat Sink Assembly, P/N 600146

(a) Originally reported as Film Drive Assembly, P/N 600304.

(b) Contractor representative verified problem was caused by Transistor 2N3902 (P/N 600164). Research revealed Transistor JAN2N3902 has higher temperature and current ratings. We provided FSN to user with recommendation he use the JAN type transistor and report on reliability. If results are positive, we will notify all users to utilize JAN type transistors.

d. Location: PACAF (548 RTG)

(1) Film Transport System will not reverse.

User reported the Transistor Collector Lead was shorted to the chassis. Rerouting the lead and replacing the transistor resolved this problem. Special Project MMLT-SP-71-1218 was closed 8 October 1971.

2. Deficiencies Outside Warranty:

a. Location: SAC (544 ARTW)

(2) Difficulty in maintaining focus of stereoscope using 2X

Atch 1

Lens for 60X magnification.

Unable to obtain a light table for engineering use; therefore, administratively closed MIP OONLA 71-0159 pending acquisition of a light table.